



QUICKPCB

Conventional PCB Capability	
Item	Capability
Layer count	1 - 40 Layers
Finished board thickness	0.21 - 10.00 mm
PCB size	0.80 x 1.20 - 25 x 44 inches 20.32 x 30.48 - 635 x 1120 mm
Surface finish	HASL (lead), Immersion Gold, ENEPIG, Immersion Tin, Immersion Silver, Flash Gold, Organic Solderability Preservatives, HASL (lead free), Soft Ni/Au Plating and GoldFinger Plating, etc.
Base material	FR4, High TG, Halogen-Free, High-Frequency (Rogers, Arlon/ Taconic, Nelco, Taixing Microwave F4B and Isola...), etc.
Soldemask color	Green, White, Blue, Red, Yellow, Black, Matte Green, Purple
Silkscreen color	White, Blue, Black, Gray, Yellow, Red
Reliable test	100% Electrical Test, Impedance Test, RoHS Test, Thermal Stress Test, High Potential Test, Ionic Contamination Test, Solderability Test, Micro-Sectioning Analysis Test, Insulation Resistance Test and Loss tangent Test
Maximum copper thickness	10 OZ (Out layer) / 6 OZ (Inner Layer)
Aspect ratio	16 : 1
Board bow and twist	≤ 0.50%
Minimum line width	0.075 mm (3.00 mil)
Minimum line spacing	0.075 mm (3.00 mil)
Minimum hole diameter	0.15 mm
Minimum dam of solder mask	3.5 mil
Type of PCBs available	Conventional PCBs, Multilayer Backplane, Blind & Buried Via PCBs, IC Bonding PCBs, Rigid and Flexible PCBs, Embedded Resistance/Capacitance PCBs, Heatsink PCBs, High-Frequency PCBs, Halogen-Free PCBs, High TG PCBs, Insulated Metal Base PCBs and other Hi-Tech PCBs

Special PCB Capability			
Classification	Item	Standard	Advanced Capability
Embedded Resistance PCBs	Layer count	2 - 24 layers	>24 layers (By Quote)
	layer of embedded Resistance	1 - 3 layers	>3 layers (By Quote)
	Resistance Tolerance	5 - 7%	3 - 5% (By Quote)
Embedded Capacitance PCBs	Layer count	2 - 16 layers	>16 layers (By Quote)
	Layer of embedded Resistance	1 - 2 layers	>2 layers (By Quote)
Flexible PCBs	Layer count	2 - 16 layers	
	Flexible Layer	≤ 6 layers	
	Stiffener	PI/FR-4	

Special Structure PCB Capability
Inner capacitance embedded PCBs with rogers material
Hybrid PCBs with Blind&Buried Via and special materials
Hybrid PCBs with Blind Slot and special materials
Interstitial Via Hole (IVH) PCBs with special materials